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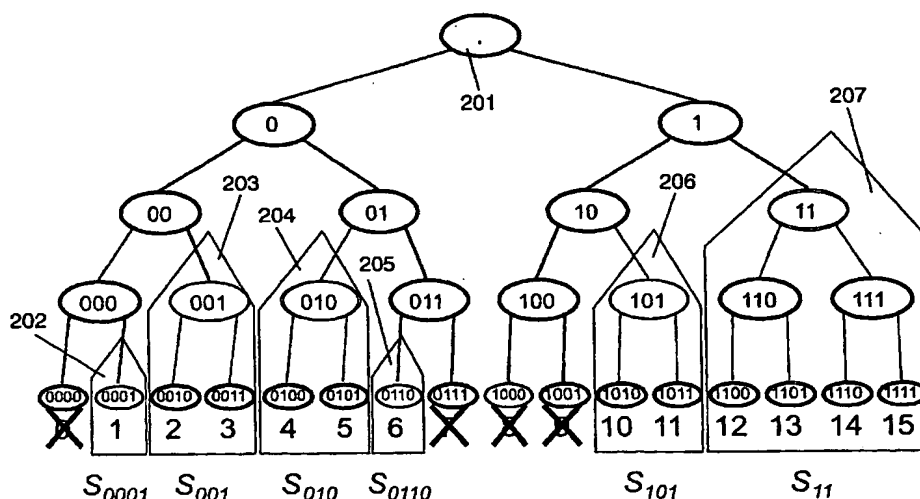
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[Continued on next page]

(54) Title: METHOD FOR AUTHENTICATION BETWEEN DEVICES



(57) Abstract: A certifying authority provides a method for whitelist-based controlling of authentication of a first device (102) in a system (100) to a second device (103). The method comprises issuing to the first device (102) a group certificate identifying a range of non-revoked device identifiers, said range encompassing the device identifier of the first device (102). Preferably the device identifiers correspond to leaf nodes in a hierarchically ordered tree, and the group certificate identifies a node (202-207) in the tree representing a subtree in which the leaf nodes correspond to said range. The group certificate can also identify a further node (308, 310, 312) in the subtree which represents a sub-subtree in which the leaf nodes correspond to revoked device identifiers. Alternatively, the device identifiers are selected from a sequentially ordered range, and the group certificate identifies a subrange of the sequentially ordered range, said subrange encompassing the whitelisted device identifiers.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 03/02340

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L9/32 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 932 109 A (YEDA RES & DEV) 28 July 1999 (1999-07-28) page 3, line 25 - line 47 page 5, line 15 - line 18 page 6, line 35 - line 43 page 9, line 8 - line 17	1-3,5,7, 8
A		4,6
A	US 6 397 329 B1 (AIELLO WILLIAM ET AL) 28 May 2002 (2002-05-28) abstract column 2, line 52 - column 3, line 48 column 3, line 65 - column 4, line 10 column 6, line 18 - line 21 column 3, line 31 - line 37 column 6, line 54 - line 65 column 7, line 5 - line 22 column 8, line 52 - column 9, line 20	1-8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "&" document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 02 31630 A (KONINKL PHILIPS ELECTRONICS NV) 18 April 2002 (2002-04-18) abstract page 1, line 28 - page 2, line 5 page 2, line 17 - line 25 page 3, line 22 - line 26 page 9, line 3 - line 10</p>	1-8
A	<p>WO 01 61591 A (SONY ELECTRONICS INC) 23 August 2001 (2001-08-23)</p>	
A	<p>NAOR D ET AL: "Revocation and Tracing Schemes for Stateless Receivers" REVOCATION AND TRACING SCHEMES FOR STATELESS RECEIVERS, July 2001 (2001-07), XP002203174</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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